

Name: _____
Parent Signature: _____

Unit 2 Test Preparation Table

Fill in the table below to help organize your preparation for the Unit One test!
Remember that you should be spending TWENTY minutes per day on studying, including this
WEEKEND!

Date	Item(s)	Start/End Time	Comments/Questions
Wednesday, Nov 16			
Thursday, Nov 17			
Friday, Nov 18			
Sat-Sun Nov 19-20			
Monday Nov 21 TEST DAY ☺			

Studying Checklist

Directions: In **addition** to your study guide, please complete at check off **at least 2-3 other** activities in preparation for your test on Monday, November 21st.

___ **Required:** Complete the **Study Guide** in its entirety.

___ Complete “Checkpoint Quizzes”, “Chapter 3 Review” or “Chapter 3 Test” from your textbook for cumulative practice (pages listed below- answers to some problems on pages 699-700)

___ Attend **tutorial**. You must sign up in advance.

___ REDO problems from your homework/quizzes you did not answer correctly the first time.

___ Complete EXAMPLE problems from each lesson without looking at the answer until it’s time to check.

___ Complete HOMEWORK EXERCISES from each lesson (Lesson pages listed below). ***Answers to some odd problems are in the back of the book***

___ Take the online lesson quizzes from the textbook (see codes below).

___ Watch online video tutors on phschool.com (see codes below)

___ Email Ms. Pike/Ms. Minera with any questions

Lesson	Topic	Online Video Code	Online Quiz Code
3-1	Patterns	aqe-0301	aq-a-0301
3-2	Evaluating Expressions	aqe-0302	aq-a-0302
3-3	Translating Expressions	aqe-0303	aq-a-0303
3-4	Solving Equations using Mental Math	aqe-0304	aq-a-0304
3-5	Solving Addition Equations	aqe-0305	aq-a-0305
3-6	Solving Subtraction Equations	aqe-0306	aq-a-0306
3-7	Solving Multiplication/Division Equations	aqe-0307	aq-a-0307
3-1 to 3-4	Checkpoint Quiz 1 p. 129	n/a	n/a
3-5 to 3-6	Checkpoint Quiz 2 p. 137	n/a	n/a
All	Chapter 3 Review p. 150-151	n/a	n/a
All	Chapter 3 Test p. 152-153	n/a	n/a

CHAPTER 3 TEST STUDY GUIDE

Lessons 3-1 through 3-7

Lesson 3-1- Describing a Pattern

1) Complete each pattern:

A: 5, 10, 20, _____, _____
B: 15, 30, 60, _____, _____

2) Which statement is true about Patterns A and B?

- a) Each term in Pattern A is 3 times the corresponding term in Pattern B
- b) Each term in Pattern B is double the corresponding term in Pattern A
- c) Each term in Pattern B is 3 times the corresponding term in Pattern B

Lesson 3-2- Variables and Expressions

Evaluate each expression. Show all of your work.

3) $8c + 12$ for $c=6$

4) $5t - 4 + h$ for $t=8$ and $h = 15$

5) $6(5h)$ for $h=3$

Lesson 3-3- Writing Algebraic Expressions- Write an expression for each word phrase.

7) 12 increased by y

8) 15 less than 3 times m

10) Three times the sum of 5 and m

11) The quotient of 18 and x

Lesson 3-4 Using Number Sense to Solve One-Step Equations- Tell whether the value of x in each equation makes each equation is true or false. If it is false, please provide the correct solution.

12) $15 + x = 30$ $x = 45$

13) $21 \div x = 7$ $x = 3$

14) $6x = 24$ $x = 3$

Lessons 3-5 to 3-7 Solving One-Step Equations- Use the words below to fill in the blanks. Then, read through the paragraph carefully as a reminder of how to solve a one-step equation.

True Balanced Isolate Substitute Inverse

- 15)** When solving a one-step equation your goal is to _____ the variable and keep the equation _____. You usually do this by using the _____ operation to solve for the missing variable. To check your work, _____ your solution into the original equation to make sure that it makes the equation _____.

Show your work to **solve** and **check** each equation below.

Solve	Check	Solve	Check
16) $r - 1,078 = 4,562$		17) $7 = 5.6 + x$	
18) $d - 2.16 = 3.9$		19) $15h = 450$	
20) $v \div 1.5 = 7.2$		21) $t \div 4 = 32$	

Complete this progress tracker after we check our answers for the Study Guide. Use this as a way to focus your studying.

	Tracking Progress			
Lesson	Skill/Concept	Got It!	Almost!	Need to Review!
3-1	Describing a Pattern			
3-2	Variables and Expressions			
3-3	Writing Algebraic Expressions			
3-5	Solving Addition Equations (Missing Addend)			
3-6	Solving Subtraction Equations (Missing Minuend)			
3-7	Solving Multiplication Equations (Missing Factor)			
3-7	Solving Division Equations (Missing Dividend)			

Space for Extra Practice

